

**To:** Way, Steven[way.steven@epa.gov]  
**From:** Kirstin Brown - DNR  
**Sent:** Wed 1/15/2014 9:07:40 PM  
**Subject:** Re: Animas and R n B ?

I will get it to you tomorrow.

Kirstin Brown  
Sent from my iPhone

On Jan 15, 2014, at 2:06 PM, "Way, Steven" <way.steven@epa.gov> wrote:

That all sounds good. We may have someone in our tech support unit that manages our GIS work who is willing.

The Shape files are good.

Steve

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**From:** Brown - DNR, Kirstin <kirstin.brown@state.co.us>  
**Sent:** Wednesday, January 15, 2014 1:59:38 PM  
**To:** Way, Steven  
**Subject:** Re: Animas and R n B ?

I will make a new map on a topo with a north arrow and a scale, and send you all the shapefiles for the workings. I can send whatever you want, but shapefiles might be best..? I set the RnB workings at the portal - I picked it off the map/photo.

There might be a way for EPA to use EarthVision, if you are interested I can pry. We could train someone at EPA how to use the software. No pressure though. I can keep doing stuff too - I like doing this stuff.

Kirstin

On Wed, Jan 15, 2014 at 12:35 PM, Way, Steven <way.steven@epa.gov> wrote:

Kirstin,

Thanks for the image; you must have a different version of the PPt than the one I ended up with. Anyway, on the 3 D model, what is the scale and how did you locate the R n B on the image, i.e., did you set it from Lat / Long at the portal ?

Thanks,

Steve

Federal On-Scene Coordinator

Emergency Response Program (8EPR-ER)  
US EPA Region 8  
1595 Wynkoop Street  
Denver, CO 80202-1129

Office: 303-312-6723

**From:** Brown - DNR, Kirstin [mailto:kirstin.brown@state.co.us]  
**Sent:** Tuesday, January 14, 2014 9:33 AM  
**To:** Way, Steven  
**Cc:** czillich  
**Subject:** Re: Animas and R n B ?

Steve,

This is the picture from the powerpoint (attached).

I was on the phone with Kay Zillich when I got your email, so we started talking about Needle Creek. She has a lot of knowledge about the area, including a water sample. She is going to make copies of the Colorado Geo Survey minesite inventory forms for that area for you. The forms have information about mines and water quality impacts. She also has anecdotal information from wilderness people about white precipitate streams.

Kay and I are going up Needle Creek next summer on horseback to inventory the mines for mine safety closures - we are calling it the Silver Needle Project. As you know, there are lots of backcountry visitors every year to Chicago Basin, and the mines receive lots of visitation.

Let me know if you want a different kind of map for Red and Bonita - plan view only on a topo maybe?

Kirstin

On Tue, Jan 14, 2014 at 8:30 AM, Way, Steven <[way.steven@epa.gov](mailto:way.steven@epa.gov)> wrote:

Hello and Happy New Year Kirstin,

Hey when you have a minute would you send me an image (PDF or other) of the 3 D model with the Red and Bonita Mine workings displayed in relation to the other workings as we know it now. I thought it was on the Power Pt / Photo presentation that we did in August, but it's not there.

Also, I have a question for you regarding potential mining impacted areas and/or natural mineralized sources of water into the Animas between Elk Ck and Cascade Ck. One location in particular that I asked Bruce about is on Needle Ck or up Chicago Basin (?) area. I'll explain later but let me know if you know of things to look into in that reach.

Thanks,

Steve

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